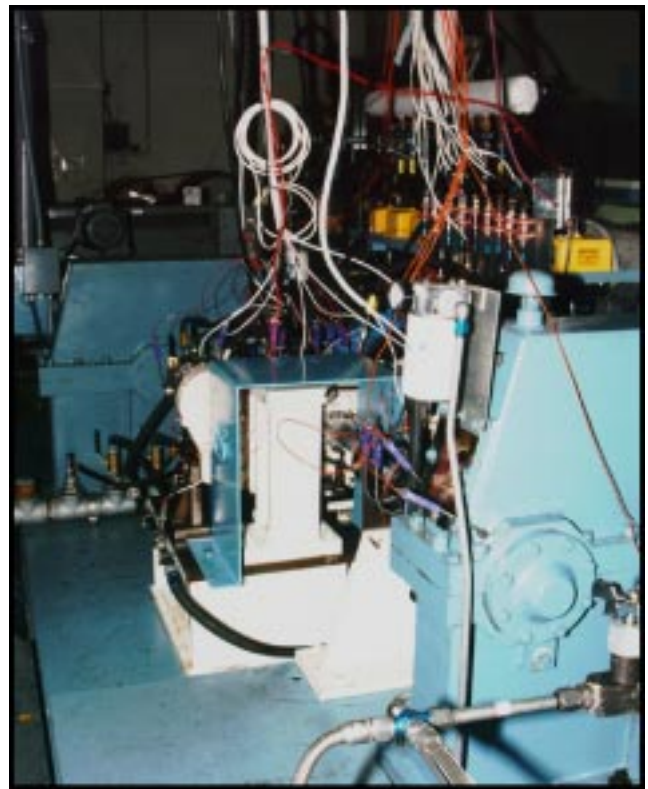
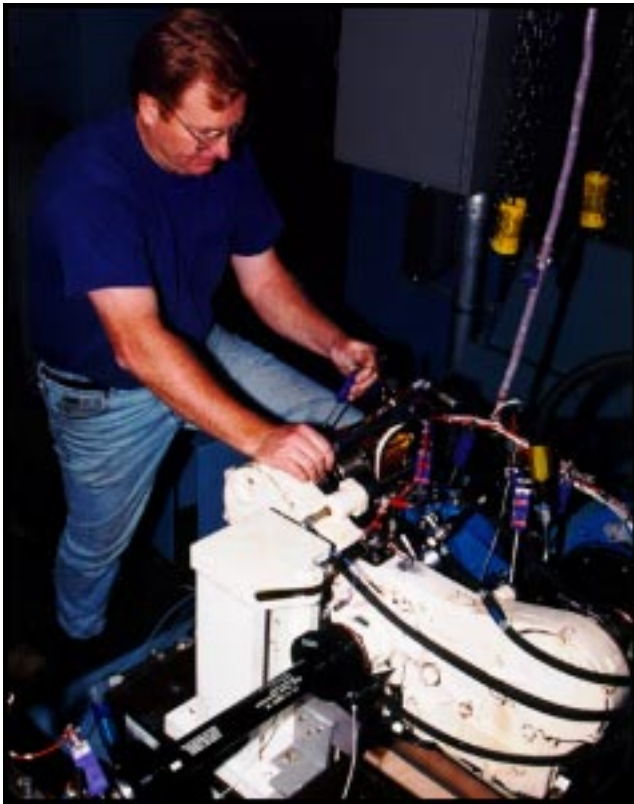


F/A-18 C/D AIRCRAFT MOUNTED ACCESSORY DRIVE (AMAD) TEST STAND

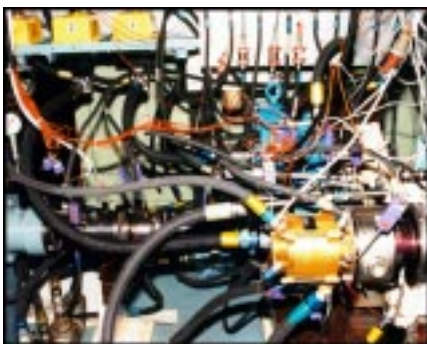


The Aircraft Mounted Accessory Drive Test Stand supports the F/A-18 C/D research, development, and engineering investigation programs.

F/A-18 C/D AMAD Test Stand



The AMAD Test Stand supports the F/A-18 C/D research, development, and engineering investigation programs. F/A-18 C/D AMADs and drive shafts are tested through the aircraft's complete flight test profile.



The stand uses water brakes to simulate loads created by aircraft accessories and has a VME based data and control system and vibration spectrum analysis capability.

Current testing will qualify second source components and perform diagnostics on AMADs after removal from aircraft. The stand will also be the base-line stand for the Naval Aviation Depots and Acceptance Test Procedure (ATP) test stands.

Equipment Special Features

The stand has a VME based control and data system and is capable of absorbing 150 horsepower through three water brakes. The stand can simulate both engine operation and ground maintenance mode.

Projects Supported

The Test Stand supports any AMAD related issues on the F/A-18 C/D aircraft.

For more information contact the Electrical Power Systems Division at the Naval Air Warfare Center Aircraft Division, Patuxent River, MD 20670 at 301-342-0806.